

EKATO

EKATO HYDROGENATION 氢化

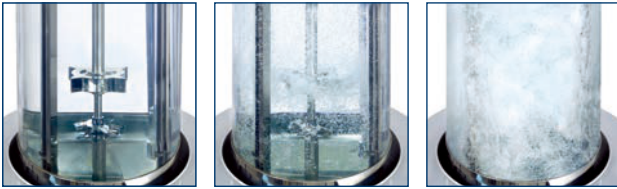
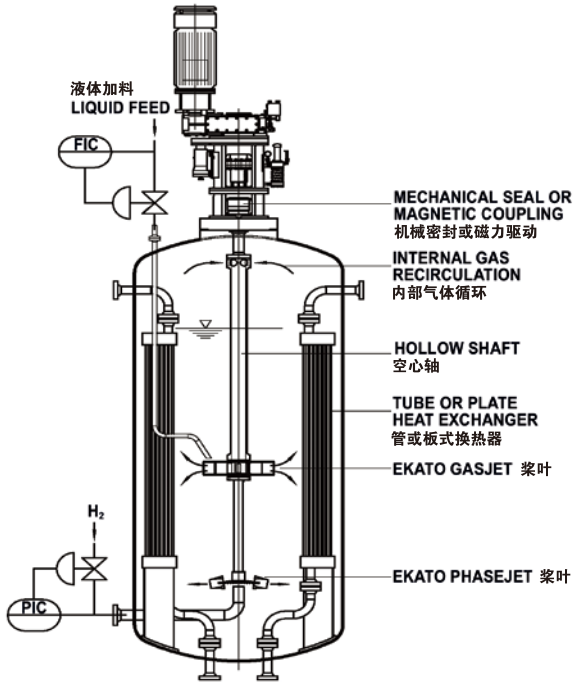
EKATO HYDROGENATION PLANTS 氢化装置

Your fast lane to production 快速地实现生产



Advanced Process Solutions 先进的工艺方案

EKATO – High Performance Hydrogenation Reactor 高性能的氢化反应器



EKATO Combined Gassing 组合加气浆叶

EKATO R&D Capabilities 研发能力

- Development & optimization of hydrogenation process
开发和优化氢化工艺
- Pilot tests to collect process data & consumption figures
由小试装置测试取得工艺数据和消耗指标
- Assessment of catalyst performance, selectivity & yield
催化剂性能, 选择和产出的评估
- Determine optimum process conditions
选定优化的工艺条件
- Scale-up to commercial scale
工程放大至商用规模
- Industrial process development
工业级生产工艺的开发

Complete Hydrogenation Plants made by EKATO

成套的氢化反应器装置, 由EKATO制造

- Process review and upgrade analysis
工艺确认和改进分析
- Scale-up capabilities
生产放大能力
- Complete engineering package
完整的工程设计包
- Process solution with guaranteed results
带结果保证的工艺解决方案

Reactor Technology 反应器技术

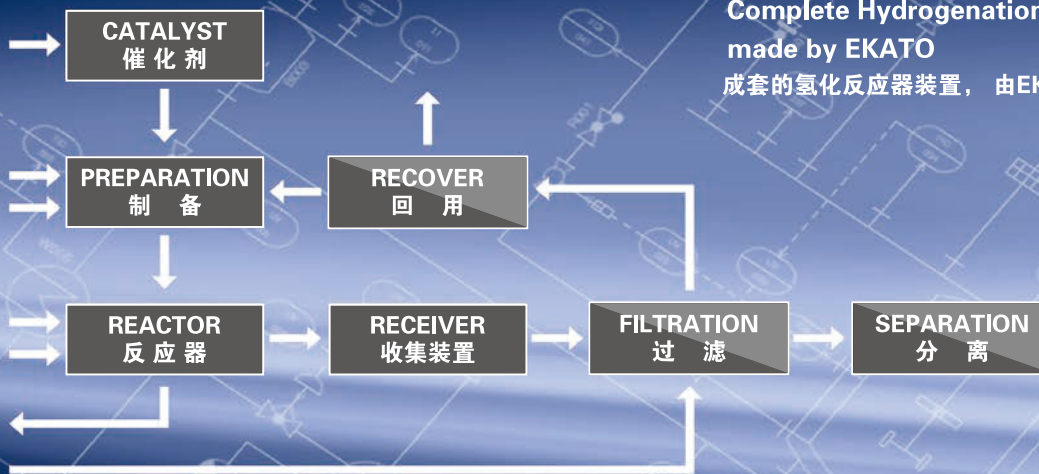
- Mass transfer calculation / 传质计算
- Heat transfer calculation / 传热计算
- Design of agitation systems / 搅拌系统的设计
- Vessel engineering, FEA / 容器设计及FEA
- Manufacturer's expertise / 制造商的专业技术

Engineering 工程工作

- Tailor-made plant engineering as per your process requirements / 按照您的工艺要求定制设计装置
- Engineering & equipment packages / 工程和设备设计包
- Project management and realization as EPC
工程管理和作为EPC实施
- Functionality, safety, expertise / 功能性, 安全性和专业性
- International standards / 国际标准
- Professional documentation / 专业的文件资料

Auxiliary Systems 辅助系统

- Heating & cooling systems / 加热和冷却系统
- Catalyst preparation / 催化剂制备
- Catalyst filtration / 催化剂过滤
- Catalyst deactivation / 催化剂的钝化
- Vacuum systems / 真空系统



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